

The Commonwealth of Massachusetts

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1949

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,  
SERIAL BONDS AND MAINTENANCE  
OF THE  
METROPOLITAN DISTRICTS

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Compiled in the Office of  
JOHN E. HURLEY  
TREASURER AND RECEIVER-GENERAL



# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1949.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1949, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 2, 1948, bonds have been issued as follows:

Metropolitan Additional Water Loan, \$6,000,000.

Metropolitan Water Use Development, \$3,090,000.

Metropolitan Sewerage Loan, South System, \$1,500,000.

Metropolitan Sewerage Loan, North System, \$500,000.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

SECTION 26. (As amended by section 6 of chapter 549 of the Acts of 1946.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and forty-six, assess the towns that are members of the metropolitan water

district and the towns that are eligible to membership and are supplied with water by the district as follows: (a) In the case of each town that was a member of, and took its entire supply from, the district at the beginning of the year an amount equal to the rate of forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year; (b) In the case of each town that joined, or commenced to take its entire supply from, the district during the previous year, an additional amount equal to said rate times the quantity furnished it by the district in that year and not certified by the commission to have been already covered by previous payments; and (c) In the case of each member town that has not so commenced and of each eligible non-member town, or water company or water supply, water, fire or fire and water district, located within such town, an amount equal to said rate times the quantity furnished it by the district in the previous year. The commission shall certify to the state treasurer the information as to dates and quantities of water consumed necessary to determine such assessments.

The state treasurer shall annually notify each town assessed under the provisions of this section and, except as otherwise provided by section twenty-six A, of section ten, of the amount of its assessment, and the same shall be paid by the town, water supply, water or fire and water district to the commonwealth as required by law and within the time therein prescribed.

SECTION 26A. Beginning with the year nineteen hundred and forty-six the state treasurer shall borrow on the credit of the commonwealth such sums as may be necessary each year to meet the balance, not met by the assessments authorized in sections ten and twenty-six, of the requirements for maintenance and operation, for miscellaneous interest, for any credits to member towns, for the sinking fund and for interest and principal payments on all bonds issued for the construction of the metropolitan water system, and on all bonds issued under the authorization of this section.

#### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportions in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of main-

tenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 197 of the Acts of 1933.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. (As Amended by chapter 197 of the Acts of 1933.) The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. For the purpose of the five preceding sections, the words "taxable valuation of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

JOHN E. HURLEY,

*Treasurer and Receiver-General*



## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1949

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington . . .	\$ 38,837 40	\$ 35,236 65	\$ 70,973 96n	\$ 4,899 35	\$ 149,947 36
Belmont . . .	31,311 68	27,527 64	52,246 78n	4,483 68	115,569 78
Boston . . .	1,719,906 76	704,560 66	121,554 01n	115,658 31	2,947,710 76
	—	—	286,031 02s	—	—
Braintree . . .	—	17,060 82	24,542 10s	2,473 07	44,075 99
Brookline . . .	19,315 72	67,484 21	93,419 37s	12,760 89	192,980 19
Cambridge . . .	—	96,962 03	189,931 44n	19,011 34	305,904 81
Canton . . .	—	5,518 70	8,002 52s	781 56	14,302 78
Chelsea . . .	56,513 16	29,297 23	61,432 20n	3,592 76	150,835 35
Cohasset . . .	—	168 67	—	—	168 67
Dedham . . .	—	14,756 44	21,090 25s	2,251 64	38,098 33
Dover . . .	—	2,320 94	—	489 39	2,810 33
Everett . . .	120,787 52	43,875 30	84,872 72n	6,820 74	256,356 28
Hingham . . .	—	9,116 97	—	1,469 81	10,586 78
Hull . . .	—	6,122 18	—	1,384 94	7,507 12
Lexington . . .	15,275 60	—	25,262 73n	—	40,538 33
Lynn . . .	—	84,668 67	—	11,696 96	96,365 63
Malden . . .	69,044 68	45,743 43	94,107 08n	5,966 28	214,861 47
Medford . . .	55,872 56	51,467 94	105,937 41n	6,707 03	220,004 94
Melrose . . .	25,431 00	23,461 61	46,671 97n	3,390 65	98,955 23
Milton . . .	19,137 28	21,002 51	29,706 60s	3,460 01	73,306 40
Nahant . . .	3,743 64	2,523 84	—	442 87	6,710 35
Needham . . .	—	14,129 15	19,938 86s	2,341 13	36,409 14
Newton . . .	15,354 28	80,668 10	113,130 98s	14,077 00	223,230 36
Norwood . . .	—	—	21,554 03s	—	21,554 03
Quincy . . .	91,497 84	73,139 09	104,482 20s	11,223 62	280,342 75
Reading . . .	—	—	20,712 14n	—	20,712 14
Revere . . .	42,543 28	26,321 01	55,050 64n	3,252 45	127,167 38
Saugus . . .	13,400 00	11,721 31	—	1,349 84	26,471 15
Somerville . . .	163,380 80	77,584 41	162,842 18n	9,498 91	413,306 30
Stonham . . .	12,231 16	9,458 75	19,255 50n	1,270 40	42,215 81
Stoughton . . .	—	—	9,738 94s	—	9,738 94
Swampscott . . .	13,533 20	12,105 26	—	2,081 61	27,720 07
Wakefield . . .	—	14,546 65	29,819 73n	1,931 17	46,297 55
Walpole . . .	—	—	12,188 98s	—	12,188 98
Waltham <sup>1</sup> . . .	—	34,936 53	52,467 14s	4,802 51	92,206 18
Watertown . . .	41,490 16	31,574 97	45,420 99s	4,589 23	123,075 35
Wellesley . . .	—	20,475 83	28,402 36s	3,832 69	52,710 88
Weston . . .	—	5,217 61	—	977 41	6,195 02
Westwood . . .	—	4,313 33	—	667 58	4,980 91
Weymouth . . .	—	26,934 79	38,081 84s	4,424 10	69,440 73
Winchester . . .	1,573 84	16,454 19	29,922 59n	2,930 09	50,880 71
Winthrop . . .	22,467 56	14,993 12	30,336 12n	2,061 21	69,858 01
Woburn . . .	—	14,750 61	30,826 64n	1,837 32	47,414 57
	\$2,592,649 12	\$1,778,201 15	\$2,139,974 02	\$280,889 55 <sup>2</sup>	\$6,791,713 84

n North System.

s South System.

<sup>1</sup> Waltham is assessed \$9,456.80 for water purchased from the District.<sup>2</sup> Includes special assessments shown at bottom of page.

## STATEMENT I

## METROPOLITAN WATER DISTRICT

*Total Water Debt, April 1, 1949*

## Under Metropolitan District Commission:

## Gross Water Debt April 1, 1949

Bonds outstanding (Sinking Fund) . . .	\$500,000 00
Bonds outstanding (Serial) old series . . .	1,082,000 00
Bonds outstanding (Serial) Water Use Development . . . . .	7,800,000 00

\$9,382,000 00

An increase for the year of . . . . .	\$2,427,000 00
Sinking fund April 1, 1949 . . . . .	568,876 76

A decrease for the year of . . . . .	388,706 59
Net Debt April 1, 1949 . . . . .	\$8,813,123 24

An increase for the year of . . . . .	2,815,706 59
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## METROPOLITAN DISTRICT WATER SUPPLY:

Gross (and net) Debt April 1, 1949 . . . . .	33,313,000 00
A decrease for the year of . . . . .	\$2,053,000 00
Total Net Water Debt . . . . .	<u>\$42,126,123 24</u>

An increase for the year of . . . . .	762,706 59
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*Total Water Expenses for 1949*

## SERIAL BONDS:

Under Metropolitan District Commission . . .	\$95,000 00
Water Use Development . . . \$ 268,000 00	
Less premium . . . . .	4,635 00
	<u>263,365 00</u>

Metropolitan District Water Supply . . . . .	2,048,000 00
Less premium . . . . .	7,098 00

2,040,902 00

2,399,267 00

## INTEREST:

## Under Metropolitan District Commission:

One year on . . . . .	\$4,710,000 00	\$75,870 00
Nine months, . . . . .		
2 days on . . . . .	3,090,000 00	40,856 67
Six month on . . . . .	1,082,000 00	21,601 25
Six months on . . . . .	1,182,000 00	23,586 25
Six months on . . . . .	898,000 00	15,217 50
Six months on . . . . .	500,000 00	8,750 00

\$185,881 67

## Metropolitan District Water Supply:

Six months on . . . . .	34,235,000 00	442,708 75
Six months on . . . . .	33,313,000 00	428,581 25
30 days on . . . . .	6,000,000 00	885 00

On advances and temporary  
loans, estimated 1949, and  
adjustment of interest charges  
of 1948 . . . . .

20,000 00

\$92,175 00

## Total Interest . . . . .

1,078,056 67

Maintenance as appropriated by Legislature . . .	2,987,726 18
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Less balance on hand . . . . .	124,093 59
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2,863,632 59

Total Metropolitan Water District Expenses . . . . .	6,340,956 26
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Less estimated Surplus in Sinking Fund . . . . .	198,850 34
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\$6,142,105 92

Assessment for 1949 at \$40 per million gallons of consumption . . .	2,602,105 92
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Balance to be borrowed under Section 7 of Chapter 549, Acts of 1946 . . . . .	\$3,540,000 00
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METROPOLITAN WATER LOAN  
*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1948
\$398,000 00	Jan. 1949	\$398,000 00
500,000 00	Jan. 1950	500,000 00
Transfer to 1948 Expenses		181,460 52
Surplus		2,613 20
<u>\$898,000 00</u>		<u>\$1,082,073 72</u>

METROPOLITAN WATER ASSESSMENTS FOR 1949

CITIES AND TOWNS IN DISTRICT	Total Consumption for 1948 in million gallons	1949 Charge at \$40 per million gallons (Chap. 549 Acts of 1946)	Proportion for computing share of Debt
Arlington . . . . .	970,935	\$38,837 40	.014979
Belmont . . . . .	782,792	31,311 68	.012078
Boston . . . . .	42,997,669	1,719,906 76	.663379
* Brookline . . . . .	482,893	19,315 72	.007450
Chelsea . . . . .	1,412,829	56,513 16	.021797
Everett . . . . .	3,019,688	120,787 52	.046589
Lexington . . . . .	381,890	15,275 60	.005892
Malden . . . . .	1,726,117	69,044 68	.026631
Medford . . . . .	1,396,814	55,872 56	.021550
Melrose . . . . .	635,775	25,431 00	.009809
Milton . . . . .	478,432	19,137 28	.007381
Nahant . . . . .	93,591	3,743 64	.001444
* Newton . . . . .	383,857	15,354 28	.005922
Quincy . . . . .	2,287,446	91,497 84	.035291
Revere . . . . .	1,063,582	42,543 28	.016409
Saugus . . . . .	335,000	13,400 00	.005168
Somerville . . . . .	4,084,520	163,380 80	.063017
Stoneham . . . . .	305,779	12,231 16	.004718
Swampscott . . . . .	338,330	13,533 20	.005220
Watertown . . . . .	1,037,254	41,490 16	.016003
* Winchester . . . . .	39,346	1,573 84	.000607
Winthrop . . . . .	561,689	22,467 56	.008666
	<u>64,816,228</u>	<u>\$2,592,649 12</u>	<u>1.000000</u>
Not in District			
* Waltham . . . . .	236,420	9,456 80	
	<u>65,052,648</u>	<u>\$2,602,105 92</u>	

\* Part supplied by District.

Chapter 549 of the Acts of 1946 provides for the issuance of bonds for the excess of the expenses of the Metropolitan Water District over the sum of the assessments at \$40 per million gallons of water consumed as above.

*Comparison of Assessments, 1948 and 1949, with Revenue from Water  
Rates in 1948*

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1948
	1948	1949	
Arlington . . . . .	\$37,253 80	\$38,837 40	\$190,738 69 <sup>1</sup>
Belmont . . . . .	30,354 68	31,311 68	133,850 78 <sup>2</sup>
Boston . . . . .	1,678,390 60	1,719,906 76	4,764,549 30 <sup>1</sup>
Brookline . . . . .	16,659 96	19,315 72	470,118 85 <sup>2</sup>
Chelsea . . . . .	58,891 88	56,513 16	195,360 70
Everett . . . . .	119,791 00	120,787 52	451,911 48 <sup>2</sup>
Lexington . . . . .	15,362 84	15,275 60	88,760 61 <sup>1</sup>
Malden . . . . .	68,703 20	69,044 68	315,745 00 <sup>1</sup>
Medford . . . . .	57,474 68	55,872 56	275,180 05 <sup>2</sup>
Melrose . . . . .	24,445 04	25,431 00	128,224 00
Milton . . . . .	16,701 40	19,137 28	156,695 75 <sup>2</sup>
Nahant . . . . .	3,610 52	3,743 64	15,087 17 <sup>1</sup>
Newton . . . . .	12,743 20	15,354 28	494,909 26 <sup>1</sup>
Quincy . . . . .	88,011 60	91,497 84	423,754 10 <sup>1</sup>
Revere . . . . .	43,685 08	42,543 28	136,118 08 <sup>1</sup>
Saugus . . . . .	—	13,400 00	66,436 96 <sup>1</sup>
Somerville . . . . .	166,333 68	163,380 80	506,770 80 <sup>1</sup>
Stoneham . . . . .	10,135 08	12,231 16	61,876 91 <sup>1</sup>
Swampscott . . . . .	14,964 12	13,533 20	56,549 20 <sup>2</sup>
Watertown . . . . .	40,893 76	41,490 16	199,016 86 <sup>2</sup>
Winchester . . . . .	1,514 24	1,573 84	65,431 53 <sup>1</sup>
Winthrop . . . . .	23,547 20	22,467 56	80,557 77
	<u>\$2,529,467 56</u>	<u>\$2,592,649 12</u>	<u>\$9,277,643 85</u>

<sup>1</sup> No money received from hydrant rentals or from municipal departments.

<sup>2</sup> No money received from hydrant rentals.

<sup>3</sup> No money received from municipal departments.

STATEMENT II  
METROPOLITAN PARKS DISTRICT

GROSS PARKS DEBT APRIL 1, 1949:

Bonds outstanding (Sinking Fund)		
Bonds outstanding (Serial)	\$9,000 00	\$9,000 00
a decrease for the year of	\$72,000 00	
Sinking Fund April 1, 1949 . . . . .		<u>25,821 02</u>
a decrease for the year of	\$66,398 52	
Net Parks Surplus April 1, 1949 (sinking fund securities taken at par value) . . . . .		<u>\$16,821 02</u>
an increase for the year of	\$5,601 48	



## STATEMENT II (Continued)

## BOULEVARDS

## GROSS PARKS, SERIES TWO (BOULEVARDS) DEBT APRIL 1, 1949:

Bonds outstanding (Sinking Fund) (one-half)			
Bonds outstanding (Serial) (one-half)	\$47,000 00		\$47,000 00
a decrease for the year of	\$33,500 00		
Sinking Fund April 1, 1949 (one-half)			9,668 28
a decrease for the year of	\$15,331 72		
Net Parks, Series Two (Boulevards) Debt April 1, 1949			\$37,331 72
a decrease for the year of	\$18,168 28		

## METROPOLITAN PARKS LOAN

## TOTAL PARKS ASSESSMENT FOR 1949:

Parks Serial Bonds			\$2,000 00
Parks, Series Two, Serial Bonds			8,500 00
Parks Interest:			
Six months on	\$70,000 00	\$1,137 50	
Six months on	11,000 00	212 50	
Six months on	9,000 00	175 00	1,525 00
On advances and temporary loans, estimated, 1949, and adjustment of interest charges of 1948			
		1,900 00	3,425 00
Parks, Series Two, Interest:			
Six months on	\$55,500 00	\$1,110 00	
Six months on	47,000 00	940 00	
Six months on	25,000 00	406,25	2,456 25
Advances on temporary loans, estimated, 1949, and adjustment of interest charges of 1948			
		300 00	2,756 25
Parks Maintenance as appropriated by Legislature	\$2,025,177 68		
Less balance on hand	300,762 38		1,724,415 30
Nantasket Maintenance as appropriated by Legislature	55,985 27		
Less surplus	2,199 42		53,785 85
Total Parks Assessment			\$1,794,882 40

## METROPOLITAN PARKS INCLUDING BOULEVARDS AND NANTASKET

*Total Assessments and Grand Total*

CITIES AND TOWNS	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington . . . . .	\$ 189 10	\$ 111 32	\$ 35,236 65	\$ 35,537 07
Belmont . . . . .	173 06	101 88	27,527 64	27,802 58
Boston . . . . .	4,293 29	2,527 42	704,560 66	711,381 37
Braintree . . . . .	95 45	56 20	17,060 82	17,212 47
Brookline . . . . .	492 55	289 95	67,484 21	68,266 71
Cambridge . . . . .	562 91	331 39	96,962 03	97,856 33
Canton . . . . .	30 17	17 76	5,518 70	5,566 63
Chelsea . . . . .	138 67	81 63	29,297 23	29,517 53
Cohasset . . . . .	—	—	168 67	168 67
Dedham . . . . .	86 90	51 16	14,756 44	14,894 50
Dover . . . . .	18 89	11 12	2,320 94	2,350 95
Everett . . . . .	263 27	154 99	43,875 30	44,293 56
Hingham . . . . .	56 74	33 39	9,116 97	9,207 10
Hull . . . . .	53 45	31 47	6,122 18	6,207 10
Lynn . . . . .	451 48	265 79	84,668 67	85,385 94
Malden . . . . .	230 28	135 57	45,743 43	46,109 28
Medford . . . . .	258 88	152 40	51,467 94	51,879 22
Melrose . . . . .	130 88	77 04	23,461 61	23,669 53
Milton . . . . .	133 55	78 62	21,002 51	21,214 68
Nahant . . . . .	17 10	10 03	2,523 84	2,550 97
Needham . . . . .	90 36	53 20	14,129 15	14,272 71
Newton . . . . .	543 34	319 87	80,668 10	81,531 31
Quincy . . . . .	433 21	255 03	73,139 09	73,827 33
Revere . . . . .	125 54	73 90	26,321 01	26,520 45
Saugus . . . . .	52 10	30 68	11,721 31	11,804 09
Somerville . . . . .	366 64	215 83	77,584 41	78,166 88
Stoneham . . . . .	49 04	28 86	9,458 75	9,536 65
Swampscott . . . . .	80 34	47 30	12,105 26	12,232 90
Wakefield . . . . .	74 54	43 88	14,546 65	14,665 07
Waltham . . . . .	185 37	109 12	34,936 53	35,231 02
Watertown . . . . .	177 11	104 28	31,574 97	31,856 39
Wellesley . . . . .	147 94	87 09	20,475 83	20,710 86
Weston . . . . .	37 72	22 21	5,217 61	5,277 54
Westwood . . . . .	25 77	15 17	4,313 33	4,354 27
Weymouth . . . . .	170 77	100 53	26,934 79	27,206 09
Winchester . . . . .	113 09	66 58	16,454 19	16,633 86
Winthrop . . . . .	79 55	46 84	14,993 12	15,119 51
Woburn . . . . .	70 92	41 75	14,750 61	14,863 28
	\$10,500 00	\$6,181 25	\$1,778,201 15	\$1,794,882 40

## METROPOLITAN PARKS AND BOULEVARDS AND CHARLES RIVER BASIN

*Proportion of Assessment Requirements as determined by  
Metropolitan District Commission*

CITIES AND TOWNS	Valuation (Chapter 559 Acts of 1945)	Valuation Per Cent. Note 1	Population State Census 1945	Popu- lation Per Cent.	Average Per Cent. Note 2	Per Cent. Valuation Note 3
Arlington . .	\$ 63,327,779	.018010	43,515	.021738	.019874	.017953
Belmont . .	57,954,895	.016482	28,866	.014420	.015451	.016430
Boston . .	1,437,779,078	.408885	766,386	.382848	.395866	.407603
Braintree . .	31,968,400	.009091	20,279	.010130	.009611	.009063
Brookline . .	164,949,098	.046909	56,940	.028444	.037676	.046762
Cambridge . .	188,515,872	.053611	111,124	.055512	.054562	.053443
Canton . .	10,101,349	.002873	6,704	.003349	.003111	.002864
Chelsea . .	46,441,609	.013207	39,940	.019952	.016579	.013166
Dedham . .	29,105,423	.008277	16,659	.008322	.008300	.008251
Dover . .	6,325,116	.001799	1,566	.000782	.001290	.001793
Everett . .	88,165,414	.025073	48,553	.024255	.024664	.024994
Hingham . .	18,999,428	.005403	9,676	.004834	.005119	.005386
Hull . .	17,900,393	.005091	3,388	.001693	.003392	.005075
Lynn . .	151,194,710	.042998	105,153	.052529	.047763	.042863
Malden . .	77,119,332	.021932	59,567	.029757	.025845	.021863
Medford . .	86,696,291	.024655	67,071	.033505	.029080	.024578
Melrose . .	43,827,859	.012464	27,971	.013973	.013218	.012425
Milton . .	44,725,770	.012719	21,718	.010849	.011784	.012680
Nahant . .	5,722,850	.001628	2,396	.001197	.001413	.001622
Needham . .	30,261,434	.008606	14,507	.007247	.007926	.008579
Newton . .	181,961,300	.051747	77,257	.038594	.045171	.051585
Quincy . .	145,077,833	.041258	82,084	.041005	.041131	.041129
Revere . .	42,040,213	.011956	35,687	.017827	.014892	.011918
Saugus . .	17,446,731	.004962	16,662	.008324	.006643	.004946
Somerville . .	122,784,622	.034918	105,883	.052894	.043906	.034809
Stoneham . .	16,420,347	.004670	12,032	.006011	.005340	.004655
Swampscott . .	26,905,763	.007652	11,835	.005912	.006782	.007628
Wakefield . .	24,960,810	.007099	18,677	.009330	.008215	.007076
Waltham . .	62,078,958	.017654	43,577	.021769	.019711	.017599
Watertown . .	59,318,707	.016870	37,438	.018702	.017786	.016817
Wellesley . .	49,542,385	.014089	17,581	.008783	.011436	.014045
Weston . .	12,634,820	.003593	4,473	.002234	.002914	.003582
Westwood . .	8,630,467	.002454	4,797	.002396	.002425	.002447
Weymouth . .	57,187,043	.016263	27,957	.013966	.015114	.016212
Winchester . .	37,874,919	.010771	15,300	.007643	.009207	.010737
Winthrop . .	26,644,419	.007577	18,696	.009340	.008459	.007554
Woburn . .	23,747,647	.006754	19,886	.009934	.008344	.006732
	\$3,516,339,084	1.000000	2,001,801	1.000000	1.000000	.996864
Cohasset . .	11,063,194					.003136
	\$3,527,402,278					1.000000

NOTE 1. Sinking Fund, Serial Bonds and Interest and Charles River Basin Maintenance.

NOTE 2. Parks Maintenance, except Nantasket.

NOTE 3. Nantasket Maintenance.

METROPOLITAN PARKS LOAN  
*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1948
\$70,000 00	Jan. 1, 1949	\$70,000 00
Surplus		25,732 75
<u>\$70,000 00</u>		<u>\$95,732 75</u>

METROPOLITAN PARKS LOAN—SERIES TWO  
*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1948
\$25,000 00	Jan. 1, 1949	\$25,000 00
Surplus		9,635 67
<u>\$25,000 00</u>		<u>\$34,635 67</u>

## METROPOLITAN PARKS LOAN

*Serial Bond Requirements*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$36 02	\$153 08	\$189 10
Belmont . . . . .	32 96	140 10	173 06
Boston . . . . .	817 77	3,475 52	4,293 29
Braintree . . . . .	18 18	77 27	95 45
Brookline . . . . .	93 82	398 73	492 55
Cambridge . . . . .	107 22	455 69	562 91
Canton . . . . .	5 75	24 42	30 17
Chelsea . . . . .	26 41	112 26	138 67
Dedham . . . . .	16 55	70 35	86 90
Dover . . . . .	3 60	15 29	18 89
Everett . . . . .	50 15	213 12	263 27
Hingham . . . . .	10 81	45 93	56 74
Hull . . . . .	10 18	43 27	53 45
Lynn . . . . .	86 00	365 48	451 48
Malden . . . . .	43 86	186 42	230 28
Medford . . . . .	49 31	209 57	258 88
Melrose . . . . .	24 93	105 95	130 88
Milton . . . . .	25 44	108 11	133 55
Nahant . . . . .	3 26	13 84	17 10
Needham . . . . .	17 21	73 15	90 36
Newton . . . . .	103 49	439 85	543 34
Quincy . . . . .	82 52	350 69	433 21
Revere . . . . .	23 91	101 63	125 54
Saugus . . . . .	9 92	42 18	52 10
Somerville . . . . .	69 84	296 80	366 64
Stoneham . . . . .	9 34	39 70	49 04
Swampscott . . . . .	15 30	65 04	80 34
Wakefield . . . . .	14 20	60 34	74 54
Waltham . . . . .	35 31	150 06	185 37
Watertown . . . . .	33 74	143 40	177 14
Wellesley . . . . .	28 18	119 76	147 94
Weston . . . . .	7 18	30 54	37 72
Westwood . . . . .	4 91	20 86	25 77
Weymouth . . . . .	32 53	138 24	170 77
Winchester . . . . .	21 54	91 55	113 09
Winthrop . . . . .	15 15	64 40	79 55
Woburn . . . . .	13 51	57 41	70 92
	<u>\$2,000 00</u>	<u>\$8,500 00</u>	<u>\$10,500 00</u>



## METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

*Interest Requirements*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$ 61 68	\$ 49 64	\$ 111 32
Belmont . . . . .	56 45	45 43	101 88
Boston . . . . .	1,400 43	1,126 99	2,527 42
Braintree . . . . .	31 14	25 06	56 20
Brookline . . . . .	160 66	129 29	289 95
Cambridge . . . . .	183 62	147 77	331 39
Canton . . . . .	9 84	7 92	17 76
Chelsea . . . . .	45 23	36 40	81 63
Dedham . . . . .	28 35	22 81	51 16
Dover . . . . .	6 16	4 96	11 12
Everett . . . . .	85 88	69 11	154 99
Hingham . . . . .	18 50	14 89	33 39
Hull . . . . .	17 44	14 03	31 47
Lynn . . . . .	147 27	118 52	265 79
Malden . . . . .	75 12	60 45	135 57
Medford . . . . .	84 44	67 96	152 40
Melrose . . . . .	42 69	34 35	77 04
Milton . . . . .	43 56	35 06	78 62
Nahant . . . . .	5 58	4 45	10 03
Needham . . . . .	29 48	23 72	53 20
Newton . . . . .	177 24	142 63	319 87
Quincy . . . . .	141 31	113 72	255 03
Revere . . . . .	40 95	32 95	73 90
Saugus . . . . .	17 00	13 68	30 68
Somerville . . . . .	119 59	96 24	215 83
Stoneham . . . . .	15 99	12 87	28 86
Swampscott . . . . .	26 21	21 09	47 30
Wakefield . . . . .	24 31	19 57	43 88
Waltham . . . . .	60 46	48 66	109 12
Watertown . . . . .	57 78	46 50	104 28
Wellesley . . . . .	48 26	38 83	87 09
Weston . . . . .	12 31	9 90	22 21
Westwood . . . . .	8 40	6 77	15 17
Weymouth . . . . .	55 70	44 83	100 53
Winchester . . . . .	36 89	29 69	66 58
Winthrop . . . . .	25 95	20 89	46 84
Woburn . . . . .	23 13	18 62	41 75
	<u>\$3,425 00</u>	<u>\$2,756 25</u>	<u>\$6,181 25</u>

## METROPOLITAN PARKS LOAN INCLUDING NANTASKET

*Maintenance Requirements*

CITIES AND TOWNS	Parks	Nantasket	Total
Arlington . . . . .	\$ 34,271 03	\$ 965 62	\$ 35,236 65
Belmont . . . . .	26,643 94	883 70	27,527 64
Boston . . . . .	682,637 39	21,923 27	704,560 66
Braintree . . . . .	16,573 36	487 46	17,060 82
Brookline . . . . .	64,969 07	2,515 14	67,484 21
Cambridge . . . . .	94,087 55	2,874 48	96,962 03
Canton . . . . .	5,364 66	154 04	5,518 70
Chelsea . . . . .	28,589 08	708 15	29,297 23
Cohasset . . . . .	—	168 67	168 67
Dedham . . . . .	14,312 65	443 79	14,756 44
Dover . . . . .	2,224 50	96 44	2,320 94
Everett . . . . .	42,530 98	1,344 32	43,875 30
Hingham . . . . .	8,827 28	289 69	9,116 97
Hull . . . . .	5,849 22	272 96	6,122 18
Lynn . . . . .	82,363 25	2,305 12	84,668 67
Malden . . . . .	44,567 51	1,175 92	45,743 43
Medford . . . . .	50,145 99	1,321 95	51,467 94
Melrose . . . . .	22,793 32	668 29	23,461 61
Milton . . . . .	20,320 51	682 00	21,002 51
Nahant . . . . .	2,436 60	87 24	2,523 84
Needham . . . . .	13,667 72	461 43	14,129 15
Newton . . . . .	77,893 56	2,774 54	80,668 10
Quincy . . . . .	70,926 93	2,212 16	73,139 09
Revere . . . . .	25,679 99	641 02	26,321 01
Saugus . . . . .	11,455 29	266 02	11,721 31
Somerville . . . . .	75,712 18	1,872 23	77,584 41
Stoneham . . . . .	9,208 38	250 37	9,458 75
Swampscott . . . . .	11,694 98	410 28	12,105 26
Wakefield . . . . .	14,166 07	380 58	14,546 65
Waltham . . . . .	33,989 95	946 58	34,936 53
Watertown . . . . .	30,670 45	904 52	31,574 97
Wellesley . . . . .	19,720 41	755 42	20,475 83
Weston . . . . .	5,024 95	192 66	5,217 61
Westwood . . . . .	4,181 71	131 62	4,313 33
Weymouth . . . . .	26,062 81	871 98	26,934 79
Winchester . . . . .	15,876 69	577 50	16,454 19
Winthrop . . . . .	14,586 82	406 30	14,993 12
Woburn . . . . .	14,388 52	362 09	14,750 61
	\$1,724,415 30	\$53,785 85	\$1,778,201 15

## STATEMENT III

## METROPOLITAN SEWERAGE

*Debt, North System*

GROSS SEWERAGE, NORTH SYSTEM, DEBT APRIL 1, 1949:

Bonds outstanding (Sinking Fund)

Bonds outstanding (Serial)	\$2,800,000 00	
		\$2,800,000 00

a decrease for the year of	\$701,000 00	
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Sinking Fund April 1, 1949		20,810 80
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a decrease for the year of	\$395,418 48	
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Net Sewerage, North System, Debt April 1, 1949		<u>\$2,779,189 20</u>
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a decrease for the year of	\$305,581 52	
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*Assessment, North System*

SERIAL BONDS	\$288,000 00	
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Less Premium	801 50	
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		<u>\$287,198 50</u>
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INTEREST:

One year on	\$895,000 00	\$20,610 00
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Six months on	1,575,000 00	11,812 50
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Six months on	1,430,000 00	10,725 00
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Four months on	9,000 00	120 00
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One year on	475,000 00	7,125 00
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Four months on	413,000 00	4,568 33
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Six months on	500,000 00	1,400 00
		56,360 83

On advances and temporary loans,  
estimated, 1949, and adjust-  
ment of interest charges of  
1948

	700 00
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		57,060 83
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Maintenance as appropriated by Legislature	\$936,744 84	
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Less balance on hand	49,228 33	
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		<u>887,516 51</u>
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Total North Metropolitan Sewerage Assessment		<u>\$1,231,775 84</u>
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METROPOLITAN SEWERAGE DISTRICT

Debt, South System

GROSS SEWERAGE, SOUTH SYSTEM, DEBT APRIL 1, 1949:		
Bonds outstanding (Serial)		\$3,516,000 00
a decrease for the year of	\$342,000 00	
Sinking Fund April 1, 1949 (Surplus—sinking fund securities taken at par value)		375,693 57
an increase for the year of	\$15,283 93	
Net Sewerage, South System, Debt April 1, 1949		<u>\$3,140,306 43</u>
a decrease for the year of	\$357,283 93	

Assessment, South System

SERIAL BONDS		\$342,000 00	
Less Premium		2,404 50	
			<u>339,595 50</u>
INTEREST:			
One year on	\$3,516,000 00	\$58,290 00	
Six months on	1,500,000 00		
Accrued interest		4,200 00	
			<u>62,490 00</u>
On advances and temporary loans, estimated, 1949, and adjustment of interest charges in 1948		1,300 00	
			<u>63,790 00</u>
Maintenance as appropriated by Legislature		593,108 83	
Less balance on hand		88,296 15	
			<u>504,812 68</u>
Total South Metropolitan Sewerage Assessment			<u><u>\$908,198 18</u></u>

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1948
\$413,000 00	Jan. 1949	\$413,000 00
Surplus		20,026 32
		<u>\$433,026 32</u>

METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM

Sinking Fund

All bonds have been retired.

Surplus	<u><u>\$374,517 71</u></u>
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## METROPOLITAN SEWERAGE LOAN---NORTH SYSTEM

*Assessment*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . .	\$16,858 55	\$3,349 47	\$50,765 94	\$70,973 96
Belmont . . . .	15,451 28	3,069 87	33,725 63	52,246 78
Boston				
Charlestown and East Boston	22,774 84	4,524 92	94,254 25	121,554 01
Cambridge . . . .	50,202 30	9,974 23	129,754 91	189,931 44
Chelsea . . . .	12,378 26	2,459 32	46,594 62	61,432 20
Everett . . . .	23,492 84	4,667 58	56,712 30	84,872 72
Lexington . . . .	7,007 64	1,392 28	16,862 81	25,262 73
Malden . . . .	20,534 69	4,079 85	69,492 54	94,107 08
Medford . . . .	23,090 76	4,587 69	78,278 96	105,957 41
Melrose . . . .	11,688 98	2,322 38	32,660 61	46,671 97
Reading . . . .	5,284 45	1,049 92	14,377 77	20,712 14
Revere . . . .	11,200 74	2,225 37	41,624 53	55,050 64
Somerville . . . .	32,711 90	6,499 23	123,631 05	162,842 18
Stoneham . . . .	4,365 42	867 32	14,022 76	19,255 50
Wakefield . . . .	6,663 01	1,323 81	21,832 91	29,819 73
Winchester . . . .	10,080 67	2,002 84	17,839 08	29,922 59
Winthrop . . . .	7,093 80	1,409 41	21,832 91	30,336 12
Woburn . . . .	6,318 37	1,255 34	23,252 93	30,826 64
	\$287,198 50	\$57,060 83	\$887,516 51	\$1,231,775 84

## METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM

*Assessment*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:				
All of Brighton and Hyde Park and parts of Back Bay, Roxbury, West Roxbury and Dorchester	\$ 85,510 15	\$ 16,062 32	\$184,458 55	\$286,031 02
Braintree . . . .	8,761 56	1,645 78	14,134 76	24,542 10
Brookline . . . .	45,200 16	8,490 45	39,728 76	93,419 37
Canton . . . .	2,784 68	523 08	4,694 76	8,002 52
Dedham . . . .	7,980 50	1,499 06	11,610 69	21,090 25
Milton . . . .	12,259 40	2,302 82	15,144 38	29,706 60
Needham . . . .	8,286 13	1,556 48	10,096 25	19,938 86
Newton . . . .	49,852 62	9,364 37	53,913 99	113,130 98
Norwood . . . .	8,455 93	1,588 37	11,509 73	21,554 03
Quincy . . . .	39,766 63	7,469 81	57,245 76	104,482 20
Stoughton . . . .	2,886 56	542 22	6,310 16	9,738 94
Walpole . . . .	5,331 65	1,001 50	5,855 83	12,188 98
Waltham . . . .	17,013 73	3,195 88	32,257 53	52,467 14
Watertown . . . .	16,266 63	3,055 54	26,098 82	45,420 99
Wellesley . . . .	13,583 82	2,551 60	12,266 94	28,402 36
Weymouth . . . .	15,655 35	2,940 72	19,485 77	38,081 84
	\$339,595 50	\$63,790 00	\$504,812 68	\$908,198 18



## NORTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1945  
and the Census Returns of 1945  
Assessment made by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Acts of 1945 Chapter 559	Proportion for Interest Sinking Fund and Serial Bonds (per cent)	Population State Census 1945	Proportion for Maintenance and Operation (per cent)
Arlington . . . . .	\$ 63,327,779	5.87	43,515	5.72
Belmont . . . . .	57,954,895	5.38	28,866	3.80
Boston:				
Charlestown & E. Boston	85,537,810	7.93	80,767	10.62
Cambridge . . . . .	188,515,872	17.48	111,124	14.62
Chelsea . . . . .	46,441,609	4.31	39,940	5.25
Everett . . . . .	88,165,414	8.18	48,553	6.39
Lexington . . . . .	26,354,606	2.44	14,452	1.90
Malden . . . . .	77,119,332	7.15	59,567	7.83
Medford . . . . .	86,696,291	8.04	67,071	8.82
Melrose . . . . .	43,827,859	4.07	27,971	3.68
Reading . . . . .	19,856,099	1.84	12,327	1.62
Revere . . . . .	42,040,213	3.90	35,687	4.69
Somerville . . . . .	122,784,622	11.39	105,883	13.93
Stoneham . . . . .	16,420,347	1.52	12,032	1.58
Wakefield . . . . .	24,960,810	2.32	18,677	2.46
Winchester . . . . .	37,874,919	3.51	15,300	2.01
Winthrop . . . . .	26,644,419	2.47	18,696	2.46
Woburn . . . . .	23,747,647	2.20	19,886	2.62
	\$1,078,270,543	100.00	760,314	100.00

## SOUTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1945  
and the Census Returns of 1945  
Assessment made by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Acts of 1945 Chapter 559	Proportion for Interest and Serial Bonds (per cent)	Population State Census 1945	Proportion for Maintenance and Operation (per cent)
Boston:				
All of Brighton and Hyde Park and Parts of Back Bay, Roxbury, West Rox- bury and Dorchester . . .	\$ 312,015,921	25.18	264,430	36.54
Braintree . . . . .	31,968,400	2.58	20,279	2.80
Brookline . . . . .	164,949,098	13.31	56,940	7.87
Canton . . . . .	10,101,349	0.82	6,704	0.93
Dedham . . . . .	29,105,423	2.35	16,659	2.30
Milton . . . . .	44,725,770	3.61	21,718	3.00
Needham . . . . .	30,261,434	2.44	14,507	2.00
Newton . . . . .	181,961,300	14.68	77,257	10.68
Norwood . . . . .	30,838,574	2.49	16,508	2.28
Quincy . . . . .	145,077,833	11.71	82,084	11.34
Stoughton . . . . .	10,505,378	0.85	9,063	1.25
Walpole . . . . .	19,489,960	1.57	8,409	1.16
Waltham . . . . .	62,078,958	5.01	46,249*	6.39
Watertown . . . . .	59,318,707	4.79	37,438	5.17
Wellesley . . . . .	49,542,385	4.00	17,581	2.43
Weymouth . . . . .	57,187,043	4.61	27,957	3.86
	\$1,239,127,533	100.00	723,783	100.00

\* Including 2672 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewerage of the Metropolitan State Hospital and Chapter 373, Acts of 1929 in relation to disposal of Sewerage of the Middlesex County Tuberculosis Hospital.

## METROPOLITAN PARKS AND SEWERAGE LOANS

*Comparison of Assessments 1948 and 1949*

CITIES AND TOWNS	Parks		Sewerage	
	1948	1949	1948	1949
Arlington . . . . .	\$ 20,557 74	\$ 35,537 07	\$ 74,208 58	\$ 70,973 96
Belmont . . . . .	16,247 60	27,802 58	54,490 91	52,246 78
Boston . . . . .	414,845 07	711,381 37	376,117 50	407,585 03
Braintree . . . . .	9,982 47	17,212 47	21,614 37	24,542 10
Brookline . . . . .	40,336 52	68,266 71	84,530 32	93,419 37
Cambridge . . . . .	56,884 50	97,856 33	198,358 50	189,931 44
Canton . . . . .	3,223 80	5,566 63	7,034 12	8,002 52
Chelsea . . . . .	16,955 30	29,517 53	64,331 68	61,432 20
Cohasset . . . . .	278 15	168 67	—	—
Dedham . . . . .	8,666 29	14,894 50	18,660 20	21,090 25
Dover . . . . .	1,401 67	2,350 95	—	—
Everett . . . . .	25,803 47	44,293 56	88,590 61	84,872 72
Hingham . . . . .	5,376 78	9,207 10	—	—
Hull . . . . .	3,724 24	6,207 10	—	—
Lexington . . . . .	—	—	26,368 72	25,262 73
Lynn . . . . .	49,375 87	85,385 94	—	—
Malden . . . . .	26,575 10	46,109 28	98,477 92	94,107 08
Medford . . . . .	29,899 18	51,879 22	110,879 96	105,957 41
Melrose . . . . .	13,724 71	23,669 53	48,771 86	46,671 97
Milton . . . . .	12,407 54	21,214 68	26,477 61	29,706 60
Nahant . . . . .	1,498 68	2,550 97	—	—
Needham . . . . .	8,350 81	14,272 71	17,782 57	19,938 86
Newton . . . . .	47,880 61	81,531 31	101,436 57	113,130 98
Norwood . . . . .	—	—	19,127 62	21,554 03
Quincy . . . . .	42,972 01	73,827 33	92,487 51	104,482 20
Reading . . . . .	—	—	21,639 66	20,712 14
Revere . . . . .	15,239 86	26,520 45	57,644 05	55,050 64
Saugus . . . . .	6,758 48	11,804 09	—	—
Somerville . . . . .	44,896 31	78,166 88	170,532 54	162,842 18
Stoneham . . . . .	5,505 63	9,536 65	20,142 45	19,255 50
Stoughton . . . . .	—	—	8,464 80	9,738 94
Swampscott . . . . .	7,176 28	12,232 90	—	—
Wakefield . . . . .	8,460 66	14,665 07	31,197 67	29,819 73
Walpole . . . . .	—	—	10,921 47	12,188 98
Waltham . . . . .	20,366 97	35,231 02	45,881 29	52,467 14
Watertown . . . . .	18,478 33	31,856 39	40,012 28	45,420 99
Wellesley . . . . .	12,227 60	20,710 86	25,669 66	28,402 36
Weston . . . . .	3,116 04	5,277 54	—	—
Westwood . . . . .	2,535 91	4,354 27	—	—
Weymouth . . . . .	15,908 28	27,206 09	33,930 98	38,081 84
Winchester . . . . .	9,783 16	16,633 86	31,152 36	29,922 59
Winthrop . . . . .	8,740 63	15,119 51	31,723 71	30,336 12
Woburn . . . . .	8,544 75	14,863 28	32,276 78	30,826 64
—	\$1,044,707 00	\$1,794,882 40	\$2,090,936 63	\$2,139,974 02

STATEMENT IV

CHARLES RIVER BASIN LOAN

GROSS CHARLES RIVER BASIN DEBT APRIL 1, 1949:		
Bonds outstanding (Sinking Fund) . . . .	\$475,000 00	
Bonds outstanding (Serial) . . . . .	13,000 00	
		<hr/>
		\$488,000 00
a decrease for the year of . . . . .	\$858,000 00	
Sinking Fund April 1, 1949 . . . . .		628,243 82
		<hr/>
a decrease for the year of . . . . .	\$793,979 41	
Net Charles River Basin Surplus April 1, 1949 (sinking fund securities taken at par value) . . . .		\$140,243 82
		<hr/> <hr/>
a difference for the year of . . . . .	\$64,020 59	

*Total Charles River Basin Assessment—District*

SERIAL BONDS . . . . .			\$8,000 00
INTEREST:			
Six months on . . . . .	\$1,325,000 00	\$22,125 00	
Six months on . . . . .	475,000 00	8,312 50	
Six months on . . . . .	21,000 00	390 00	
Six months on . . . . .	13,000 00	245 00	
		<hr/>	31,072 50
On advances and temporary loans, estimated, 1949, and adjustment of interest charges for 1948 . . . . .			600 00
			<hr/>
			31,672 50
Less interest on bridge . . . . .			8,854 54
			<hr/>
			22,817 96
Maintenance as appropriated by Legislature . . . . .	254,563 75		
Less balance on hand . . . . .	13,346 70		
			<hr/>
			241,217 05
			<hr/>
Total Charles River Basin Assessment . . . . .			\$272,035 01
			<hr/> <hr/>

CHARLES RIVER BRIDGE

Interest . . . . .		\$8,854 54
		<hr/> <hr/>
Boston and Cambridge, one-half each, \$4,427.27.		

## CHARLES RIVER BASIN LOAN

*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1948
\$602,727 28	Jan. 1949	\$602,727 28
336,818 17	Jan. 1950	336,818 17
Surplus		137,343 25
\$939,545 45		\$1,076,888 70

*Boston and Cambridge—Charles River Bridge*

\$247,272 72	Jan. 1949	\$247,272 72
138,181 83	Jan. 1950	138,181 83
Surplus		14,061 32
\$385,454 55		\$399,515 87

*Analysis of Charles River Basin Debt June 30, 1949*

Debt	Total	Cambridge Charles River Bridge	Boston Charles River Bridge	District
Gross Debt . . .	\$488,000 00	\$69,090 91	\$69,090 92	\$349,818 17
Sinking Fund . . .	664,251 38	80,720 77	80,720 78	502,809 83
Net Surplus . . .	\$176,251 38	\$11,629 86	\$11,629 86	\$152,991 66

## CHARLES RIVER BASIN LOAN

*Assessments*

(For table of percentages see page 11)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$ 144 08	\$ 410 95	\$ 4,344 32	\$ 4,899 35
Belmont . . . . .	131 86	376 08	3,975 74	4,483 68
Boston . . . . .	3,271 08	9,329 92	98,630 04	111,231 04
Braintree . . . . .	72 73	207 43	2,192 91	2,473 07
Brookline . . . . .	375 27	1,070 37	11,315 25	12,760 89
Cambridge . . . . .	428 89	1,223 29	12,931 89	14,584 07
Canton . . . . .	22 98	65 56	693 02	781 56
Chelsea . . . . .	105 66	301 35	3,185 75	3,592 76
Dedham . . . . .	66 22	188 87	1,996 55	2,251 64
Dover . . . . .	14 39	41 05	433 95	489 39
Everett . . . . .	200 58	572 12	6,048 04	6,820 74
Hingham . . . . .	43 22	123 29	1,303 30	1,469 81
Hull . . . . .	40 73	116 17	1,228 04	1,384 94
Lynn . . . . .	343 98	981 13	10,371 85	11,696 96
Malden . . . . .	175 46	500 45	5,290 37	5,966 28
Medford . . . . .	197 24	562 58	5,947 21	6,707 03
Melrose . . . . .	99 71	284 41	3,006 53	3,390 65
Milton . . . . .	101 75	290 22	3,068 04	3,460 01
Nahant . . . . .	13 02	37 15	392 70	442 87
Needham . . . . .	68 85	196 37	2,075 91	2,341 13
Newton . . . . .	413 98	1,180 76	12,482 26	14,077 00
Quincy . . . . .	330 07	941 42	9,952 13	11,223 62
Revere . . . . .	95 65	272 81	2,883 99	3,252 45
Saugus . . . . .	39 70	113 22	1,196 92	1,349 84
Somerville . . . . .	279 34	796 75	8,422 82	9,498 91
Stoneham . . . . .	37 36	106 56	1,126 48	1,270 40
Swampscott . . . . .	61 22	174 60	1,845 79	2,081 61
Wakefield . . . . .	56 79	161 99	1,712 39	1,931 17
Waltham . . . . .	141 23	402 83	4,258 45	4,802 51
Watertown . . . . .	134 96	384 94	4,069 33	4,589 23
Wellesley . . . . .	112 71	321 48	3,398 50	3,832 69
Weston . . . . .	28 74	81 98	866 69	977 41
Westwood . . . . .	19 63	56 00	591 95	667 58
Weymouth . . . . .	130 10	371 09	3,922 91	4,424 10
Winchester . . . . .	86 17	245 77	2,598 15	2,930 09
Winthrop . . . . .	60 62	172 89	1,827 70	2,061 21
Woburn . . . . .	54 03	154 11	1,629 18	1,837 32
	<b>\$8,000 00</b>	<b>\$22,817 96</b>	<b>\$241,217 05</b>	<b>\$272,035 01</b>
Special Assessments on Boston and Cambridge included on page 21 . . . . .				8,854 54
				<b>\$280,889 55</b>



## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Bonds Outstanding (Sinking Fund)	—	—	—
Bonds Outstanding (Serial)	\$9,000 00	\$47,000 00	\$2,800,000 00
Gross Debt	9,000 00	47,000 00	2,800,000 00
Sinking Funds June 30, 1949	27,300 94	10,222 42	22,373 04
Net Debt	—	\$36,777 58	\$2,777,626 96
		For Percentages See Page 11	For Percentages See Page 19
1 Arlington		\$ 662 37	\$ 163,046 70
2 Belmont		606 17	149,436 33
3 Boston		15,037 80	220,265 81
4 Braintree		334 35	—
5 Brookline		1,725 20	—
6 Cambridge		1,971 68	485,529 20
7 Canton		105 66	—
8 Chelsea		485 72	119,715 72
9 Dedham		304 41	—
10 Dover		66 16	—
11 Everett		922 13	227,209 89
12 Hingham		198 71	—
13 Hull		187 24	—
14 Lexington		—	67,774 09
15 Lynn		1,581 36	—
16 Malden		806 61	198,600 33
17 Medford		906 75	223,321 20
18 Melrose		458 40	113,049 42
19 Milton		467 77	—
20 Nahant		59 87	—
21 Needham		316 51	—
22 Newton		1,903 13	—
23 Norwood		—	—
24 Quincy		1,517 37	—
25 Reading		—	51,108 34
26 Revere		439 71	108,327 45
27 Saugus		182 49	—
28 Somerville		1,284 20	316,371 71
29 Stoneham		171 75	42,219 93
30 Stoughton		—	—
31 Swampscott		281 42	—
32 Wakefield		261 08	64,440 95
33 Walpole		—	—
34 Waltham		649 27	—
35 Watertown		620 44	—
36 Wellesley		518 16	—
37 Weston		132 14	—
38 Westwood		90 25	—
39 Weymouth		598 11	—
40 Winchester		396 13	97,494 71
41 Winthrop		278 66	68,607 39
42 Woburn		248 40	61,107 79
		\$36,777 58	\$2,777,626 96

## JUNE 30, 1947 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
—	\$500,000 00	\$475,000 00		
\$3,516,000 00	52,049,000 00	13,000 00		
3,516,000 00	52,549,000 00	488,000 00		
397,384 06	645,363 43	664,251 38		
\$3,118,615 94	\$51,903,636 57	—		
For Percentages See Page 19	For Percentages See Page 7			
—	\$764,436 76		\$928,145 83	Arlington 1
—	622,895 51		772,938 04	Belmont 2
\$785,267 49	34,439,879 45		35,460,450 55	Boston 3
80,460 29	—		80,794 64	Braintree 4
415,087 78	341,837 35		758,650 33	Brookline 5
—	—		487,500 88	Cambridge 6
25,572 65	—		25,678 31	Canton 7
—	1,208,420 47		1,328,621 91	Chelsea 8
73,287 47	—		73,591 88	Dedham 9
—	—		66 16	Dover 10
—	2,458,052 42		2,686,184 44	Everett 11
—	—		198 71	Hingham 12
—	—		187 24	Hull 13
—	315,262 69		383,036 78	Lexington 14
—	—		1,581 36	Lynn 15
—	1,409,754 67		1,609,161 61	Malden 16
—	1,179,354 43		1,403,582 38	Medford 17
—	501,596 75		615,104 57	Melrose 18
112,582 04	342,667 81		455,717 62	Milton 19
—	74,066 49		74,126 36	Nahant 20
76,094 23	—		76,410 74	Needham 21
457,812 82	261,490 53		721,206 48	Newton 22
77,653 54	—		77,653 54	Norwood 23
365,189 93	1,805,987 04		2,172,694 34	Quincy 24
—	—		51,108 34	Reading 25
—	896,427 71		1,005,194 87	Revere 26
—	—		182 49	Saugus 27
—	3,413,079 33		3,730,735 24	Somerville 28
—	207,977 88		250,369 56	Stoneham 29
26,508 24	—		26,508 24	Stoughton 30
—	307,061 92		307,343 34	Swampscott 31
—	—		64,702 03	Wakefield 32
48,962 27	—		48,962 27	Walpole 33
156,242 66	—		156,891 93	Waltham 34
149,381 70	839,126 09		989,128 23	Watertown 35
124,744 64	—		125,262 80	Wellesley 36
—	—		132 14	Weston 37
—	—		90 25	Westwood 38
143,768 19	—		144,366 30	Weymouth 39
—	31,090 28		128,981 12	Winchester 40
—	483,170 96		552,057 01	Winthrop 41
—	—		61,356 19	Woburn 42
\$3,118,615 94	\$51,903,636 57		\$57,836,657 05	

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